



MI-CW3611

Michigan Crop Weather

September 6, 2011

Heat Wave

Six days were suitable for fieldwork during the week ended September 4, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.50 inches to 0.57 inches in the Upper Peninsula and 0.21 to 0.82 inches in the Lower Peninsula. Temperatures ranged from 2 to 3 degrees above normal in the Upper and Lower Peninsulas. Cooler seasonable temperatures came at the end of the week after a few days of near record high temperatures. A few fields were drying up from the heat during the week. Rain is needed in some areas as crops continue toward maturity.

Field Crops

Corn was in the R3 to R5 stages, with farmers reporting good ear fill. More growers began corn **silage** harvest over the weekend. **Soybeans** were in R5 to R6. Soybean aphids were still present, though at very low numbers. Grasshoppers, Japanese beetles and bean leaf beetles were present and feeding on leaves, though not at economic threshold levels. Deer feeding damage has also been reported. **Alfalfa** third cutting finished up in southeast Michigan. **Dry beans** were turning and dropping leaves in the southeast Lower Peninsula. **Sugarbeets** were maturing and growing well. Growers began to prepare for harvest, which is scheduled to begin September 14. Farmers prepared for upcoming **wheat** planting. Cover crops were planted at a rapid rate.

Soil moisture for week ending 09/04/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	12	19	62	7
Subsoil	10	23	64	3

Crop condition for week ending 09/04/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	4	9	27	48	12
Barley	1	9	61	26	3
Corn	1	6	28	50	15
Dry beans	0	11	20	44	25
Pasture	12	11	32	40	5
Soybeans	2	5	23	61	9

Fruit

The harvest of early season **apple** varieties continued. The Stanley **plum** harvest began. The **blueberry** harvest wound down. Yields have been below those in 2010. Late season **peach** harvest continued; Loring, Redkist and Blushingstar were among varieties picked. The Bartlett **pear** harvest continued. Early table **grapes** were harvested. Fall **raspberry** harvest continued. Raspberry acreage has increased in the state.

Vegetables

Processing **broccoli** harvest began. **Carrot** harvest continued. In the west central region, hot weather slowed sizing of the carrot crop. Bt varieties of **sweet corn** helped keep insect damage minimized. **Cucumber** harvest was winding down. Downy mildew pressure remained a concern. **Onion** harvest continued in full swing. **Pepper** and **tomato** harvest continued. Winter **squash** and **pumpkins** were maturing rapidly. Harvest of jack o’lanterns was expected to begin next weekend. Most **zucchini** growers completed harvest last week.

Crop progress for week ending 09/04/11

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, second cutting	95	91	96	93
All hay, third cutting	54	48	60	63
Apples, harvested	9	7	20	26
Barley, harvested	95	89	100	20
Blueberries, harvested	94	91	100	96
Corn, dough	88	76	97	88
Corn, dent	44	19	83	58
Corn silage, harvested	9	2	53	26
Dry beans, turning leaves	84	20	89	70
Dry beans, dropping leaves	5	1	69	43
Peaches, harvested	75	49	89	71
Potatoes, harvested	14	8	15	20
Soybeans, turning leaves	6	2	47	28
Soybeans, dropping leaves	0	0	13	6

Michigan Weather Summary for Week Ending 09/04/11 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	84	46		1,893	2,052		0.52	0.73	1.19	13.99		
Marquette	85	47		1,839	1,998		0.59	0.64	0.93	14.46		
Stephenson	87	40		2,020	2,312		1.08	1.28	2.20	14.05		
Western UP	87	39	2	1,860	2,048	1,709	0.57	0.77	1.29	13.49	16.97	3.58
Cornell	90	43		1,978	2,215		0.39	0.87	1.38	12.32		
Sault St Marie	85	45		1,856	2,086		1.06	1.57	4.09	20.06		
Eastern UP	90	43	3	1,811	2,025	1,504	0.50	1.03	1.99	15.66	15.89	3.55
Beulah	88	50		2,200	2,435		0.87	1.39	1.87	20.94		
Lake City	90	43		2,101	2,289		0.56	1.19	1.91	19.47		
Old Mission	88	48		2,052	2,339		0.80	1.06	2.83	15.30		
Pellston	87	47		1,988	2,205		1.39	1.97	2.90	17.48		
Northwest	90	43	2	2,049	2,272	1,932	0.82	1.24	2.26	17.13	14.98	3.66
Alpena	92	47		2,018	2,261		1.18	1.41	3.77	20.66		
Houghton Lake	90	47		2,229	2,411		0.35	0.77	2.20	16.85		
Rogers City	91	46		1,889	2,139		0.90	1.06	2.28	14.81		
Northeast	92	46	3	2,066	2,300	1,872	0.73	1.10	2.75	17.65	15.01	3.47
Fremont	89	44		2,346	2,589		0.17	0.17	0.45	15.91		
Hart	92	39		2,223	2,495		0.68	0.68	2.00	15.15		
Muskegon	90	51		2,588	2,838		0.37	0.97	5.41	21.20		
West Central	92	39	2	2,411	2,591	2,105	0.47	0.75	2.51	17.94	15.36	3.19
Alma	90	52		2,340	2,671		0.19	1.64	3.59	25.31		
Big Rapids	90	48		2,219	2,495		0.66	2.24	4.35	28.07		
Central	90	47	2	2,298	2,572	2,175	0.48	2.08	3.93	22.55	16.29	3.09
Bad Axe	95	54		2,267	2,547		0.79	1.27	3.25	22.25		
Pigeon	92	53		2,231	2,496		0.19	0.29	2.48	16.85		
Saginaw	93	53		2,522	2,794		0.25	0.83	2.03	20.34		
Standish	93	48		2,155	2,449		0.10	0.67	3.68	21.85		
East Central	97	48	2	2,248	2,569	2,173	0.36	0.72	2.60	20.53	14.50	2.70
Fennville	91	47		2,395	2,659		0.12	0.24	1.59	20.93		
Grand Rapids	91	51		2,687	2,925		0.20	0.68	2.69	26.71		
Holland	93	51		3,481	2,899		0.29	0.45	1.71	27.73		
South Bend, IN	95	50		2,811	2,958		0.17	0.24	1.16	24.74		
Watervliet	92	48		2,580	2,820		0.19	0.47	1.92	22.61		
Southwest	95	44	2	2,618	2,807	2,362	0.21	0.53	2.08	23.27	16.63	3.26
Belding	88	46		2,360	2,589		0.12	0.44	3.80	22.01		
Coldwater	93	47		2,606	2,828		1.06	1.31	1.58	16.85		
Lansing	91	53		2,546	2,843		0.03	0.85	2.07	22.33		
South Central	93	42	2	2,462	2,733	2,326	0.29	0.94	2.26	22.45	16.64	2.79
Detroit	98	56		2,836	3,045		0.15	0.56	0.96	21.92		
Flint	95	53		2,593	2,809		0.15	0.35	1.23	23.90		
Romeo	97	50		2,473	2,692		0.05	0.26	1.20	19.03		
Tipton	96	51		2,579	2,753		0.47	1.13	1.94	20.65		
Toledo, OH	92	53		2,612	3,027		0.35	0.72	1.75	19.11		
Southeast	107	6	2	2,560	2,844	2,321	0.30	0.84	1.74	19.80	16.00	2.43

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.